

Title (en)

APPARATUS FOR MANUFACTURING STRINGER FOR WOVEN SLIDE FASTENER

Title (de)

VORRICHTUNG ZUR HERSTELLUNG EINES GLIEDES EINES GEWEBTEN REISSVERSCHLUSSES

Title (fr)

APPAREIL DE FABRICATION DE DEMI-CHAÎNE POUR FERMETURE À GLISSIÈRE TISSÉE

Publication

**EP 3387939 A4 20190814 (EN)**

Application

**EP 15910250 A 20151210**

Priority

JP 2015084677 W 20151210

Abstract (en)

[origin: EP3387939A1] [Problem] To weave a stringer for a woven slide fastener using sinkers. [Solution] This apparatus for manufacturing a stringer for a woven slide fastener produces a stringer (90) for a woven slide fastener in which a coil-like element chain (95) is woven along one side edge portion of a woven fastener tape (91). The apparatus for manufacturing the stringer for the woven slide fastener is characterized in that: the apparatus is provided with a needle bed (30) having a plurality of needle grooves (30a), a plurality of weaving needles (31) which are guided by the needle grooves, a plurality of thread guiding needles (32) through which a weaving thread (92) for fastener tapes passes, a plurality of sinkers (33) for pressing one end of the stringer, a guide (34) through which a linear monofilament (94) passes through, and a hook (38) on which the monofilament is wound; the guide (34) and the hook (38) are disposed on one side of the needle bed in the direction of depth of the needle grooves; and the sinkers (33) are disposed on the other side of the needle bed in the direction of depth of the needle grooves.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XDY] WO 2015097830 A1 20150702 - YKK CORP [JP]
- [Y] FR 2188976 A1 19740125 - ELASTELLE FONTA ILLE FIL [FR]
- [A] US 3750425 A 19730807 - WARREN D, et al
- See references of WO 2017098634A1

Designated contracting state (EPC)

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